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## NTHE UNIDED STATES PATENT AND TRADEMARK OFFICE

Applicants: Buchwald, S.L. et al.

Serial No.:

09/239,024

Filing Date:

27 January 1999

Title:

Arylation and Vinylation of

Activated Carbons

Atty. Docket No.: MTV-009.02

Examiner: Barts, S.

Group Art Unit: 1621

ENT

Assistant Commissioner for Patents U.S. Patent & Trademark Office Washington, DC 20231

Certificate of Mailing

I hereby certify that the instant "Response to Restriction Requirement" is being deposited with the U.S. Postal Service on the date set forth below as First Class Mail in a postage-prepaid envelope addressed to:

Assistant Commissioner for Patents, USPTO, Washington, DC 20231.

10/26/60 Date of Signature and Mail Deposit

y: /

Robert King

Response to Restriction Requirement

## Dear Examiner Barts:

In response to the outstanding Restriction Requirement in the above-identified application, mailed October 3, 2000, the Applicants respectfully elect Invention I. Further, the Applicants respectfully elect the Species wherein: the transition metal catalyst comprises palladium; the base is an alkoxide; Ar is an aromatic moiety; X is Br; the solvent is toluene; compound 1 is a ketone (i.e., G is acyl, q is 1, and p is 2); and compound 2 is an α-aryl ketone (i.e., G is acyl, q is 1, and p is 2). See, e.g., Example 24. Claims 1-35 read on the elected Species.

The election of Species made herein is made solely for search purposes. The Applicants reserve the right to prosecute species not elected herein in other patent applications claiming the benefit of the filing date of this application. Furthermore, the Applicants understand that upon allowance of a generic claim, they will be entitled

to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim. See 37 CFR 1.141.

The Applicants believe that no fees are due in connection with the filing of this Response. However, the Commissioner is hereby authorized to charge to our Deposit Account, No. 06-1448, any fees due in connection with the filing of this Response.

Respectfully submitted, Foley, Hoag & Eliot LLP

By:

Dana M. Gordon, PhD Registration No. 44,719

Agent for Applicants

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10/26/00